

INVENTION--.

Page 8, between lines 16 and 17, insert the heading: --BRIEF DESCRIPTION OF THE DRAWINGS--;

Page 8, replace the paragraph at line 20 to line 23 with the following paragraph:

A²
--Fig. 1: The maximum similarity alignment, according to the method of Needleman and Wunsch [J. Mol. Biol. 48, 443-453 (1970)], of the amino acid sequence of the iota-carrageenase of *Alteromonas fortis* (SEQ ID NO: 2) (top part) and the iota-carrageenase of *C. drobachiensis* (SEQ ID NO: 4) (bottom part).--

Page 8, replace the paragraph at line 28 to line 31 with the following paragraph:

A³
--Fig. 3: The maximum similarity alignment, according to the method of Needleman and Wunsch, J. Mol. Biol. 48, 443-453 (1970), of the amino acid sequence of the kappa-carrageenase of *Alteromonas carrageenovora* (SEQ ID NO: 6) (top part) and *Cytophaga drobachiensis* (SEQ ID NO: 8) (bottom part).--

IN THE CLAIMS

Please cancel Claims 1-11 without prejudice or disclaimer of the subject matter thereof, and insert the following new claims:

A⁴
--12. (New) An isolated protein having glycosyl hydrolase activity, said protein being selected from the group consisting of

- (a) a protein comprising an amino acid sequence depicted in SEQ ID NO: 6;
- (a) a protein comprising an amino acid sequence depicted in SEQ ID NO: 8;
- (b) a protein encoded by the nucleotide sequence of SEQ ID NO: 5;